AEE/TDD/Cor/54/2018-19 dt 10-08-201

P.W.G. 17 — 1st and Final bill — Original/Duplicate/Triplicate

NO

CONTRACT CERTIFICATE

Reference paras

Section Dasarahalli — Sub division T Dasarahalli — Date

Received No — Date — Sub-divisional — Cash book vr No

Scheduled Rock/ot No — Divisional — Date

Head of account

Name of work(as per sanctioned estimate)

Work Code: 0114-18-CC0008

NAME OF WORK : Improvements to roads and drains at Munikondappa layout in Bagalagunte in ward no. 14

Name of contractor and full address :- Sreeramareddy

Reference to agreement No :-

Estimated cost 50.00 lakhs — Work order No

Certified that the measurments were taken by me on 30/5/18 and recorded on pages 66801 to 66808/2 of measurment book No 669/2017-18 and the work is satisfactorily executed by the contractor

Signature of contractor — Officer in Charge of Work

Certified that the measurments were taken by me on 30/5/18 and recorded correct.The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer 30/5/18

II MEMORANDUM OF PAYMENT

I and Final Bill → 4761468=00

1) Total value of work done or supplies as per A/c within

2) Deduct amount to be held in reserve being ----percent Rs ---------% — IT → 47615=00 — Balance

3)

4) Deduct payments

a) Amount of previous payment as in divisional/sub divisional — LWC → 47615=00 (-) — LR → 55394=00 — CBF → 4761=00 — 155388=00

cash book vr No ---------dated ---------S.D No ---------Amount adjusted towards cash advance recovery of

b) Cost of payments/stores or other materials supplied now made recovery of

Amount paid on this bill by cheque/cash

Total Net → 4606080=00

5) Balance being unpaid value of work done held in reserve

6) Deduct cash of advance made on divisional/sub divisional cash book

7) Net amount due to or from contractor

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)

9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

Contractor's signatures

Received Rs ---------(in words)---------

For use in the Executive Engineer's office

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Dated signature of contractor

paid by me cheque No dated

Cash Rs

Date — Initials of officer making payment

Secret

Checked and admitted for Rs. 4761468=00

4606080=00

Passed by Cheque No

(

)

by adj 155388=00

Date — Executive Engineer

Accounts Superintendent — Executive Engineer

B.B.M.P. Dasarahalli Division

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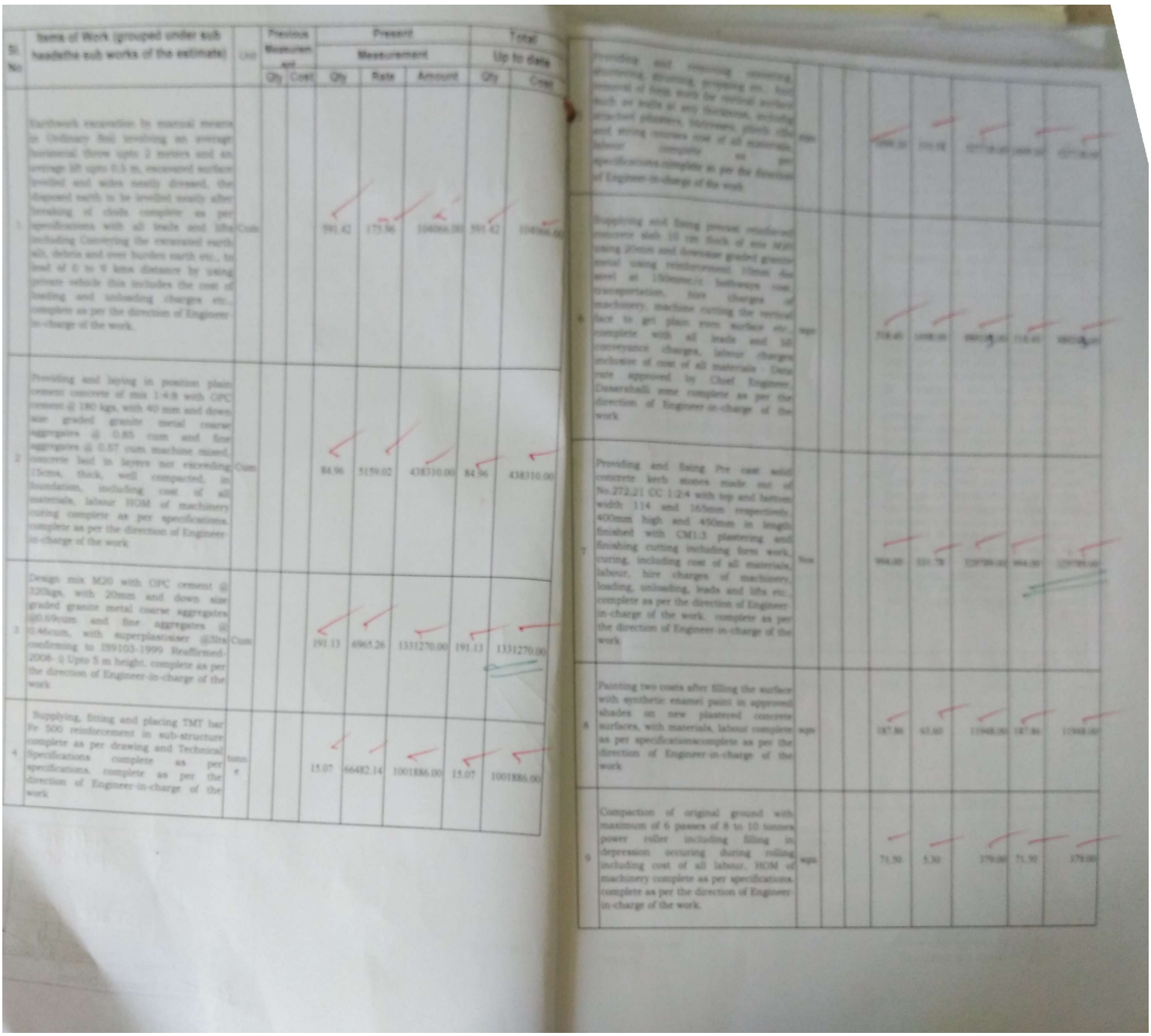

Sl. No	Items of Work (grouped under sub heads/the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Earthwork excavation by manual means in Ordinary Soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts including Conveying the excavated earth, silt, debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work.	Cum			591.42	175.86	104066.00	591.42	104066.00
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all materials, labour HOM of machinery curing complete as per specifications complete as per the direction of Engineer-in-charge of the work	Cum			84.96	5159.02	438310.00	84.96	438310.00
3	Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplasticiser @3ltrs confirming to IS9103-1999 Reaffirmed-2008 -) Upto 5 m height, complete as per the direction of Engineer-in-charge of the work	Cum			191.13	6965.26	1331270.00	191.13	1331270.00
4	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specifications. complete as per the direction of Engineer-in-charge of the work	tonne			15.07	66482.14	1001886.00	15.07	1001886.00
	Providing and removing concrete, shuttering, dressing, propping etc. lead, removal of rings, earth for vertical surface such as walls or any thickness, including attached pilasters, buttresses, plinth offset and string courses cost of all materials, labour charges etc complete as per specifications complete as per the direction of Engineer-in-charge of the work	sqm							
6	Supplying and fixing precast window-sill concrete slab 10 cm thick of min M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c battaways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials Data rate approved by Chief Engineer, Dasarahalli zone complete as per the direction of Engineer-in-charge of the work	sqm							
7	Providing and fixing Pre cast solid concrete kerb stones made out of No.272.21 CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length, finished with CM1:3 plastering and finishing cutting including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, leads and lifts etc., complete as per the direction of Engineer-in-charge of the work. complete as per the direction of Engineer-in-charge of the work	Nos							
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specificationscomplete as per the direction of Engineer-in-charge of the work	sqm							
9	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	sqm							

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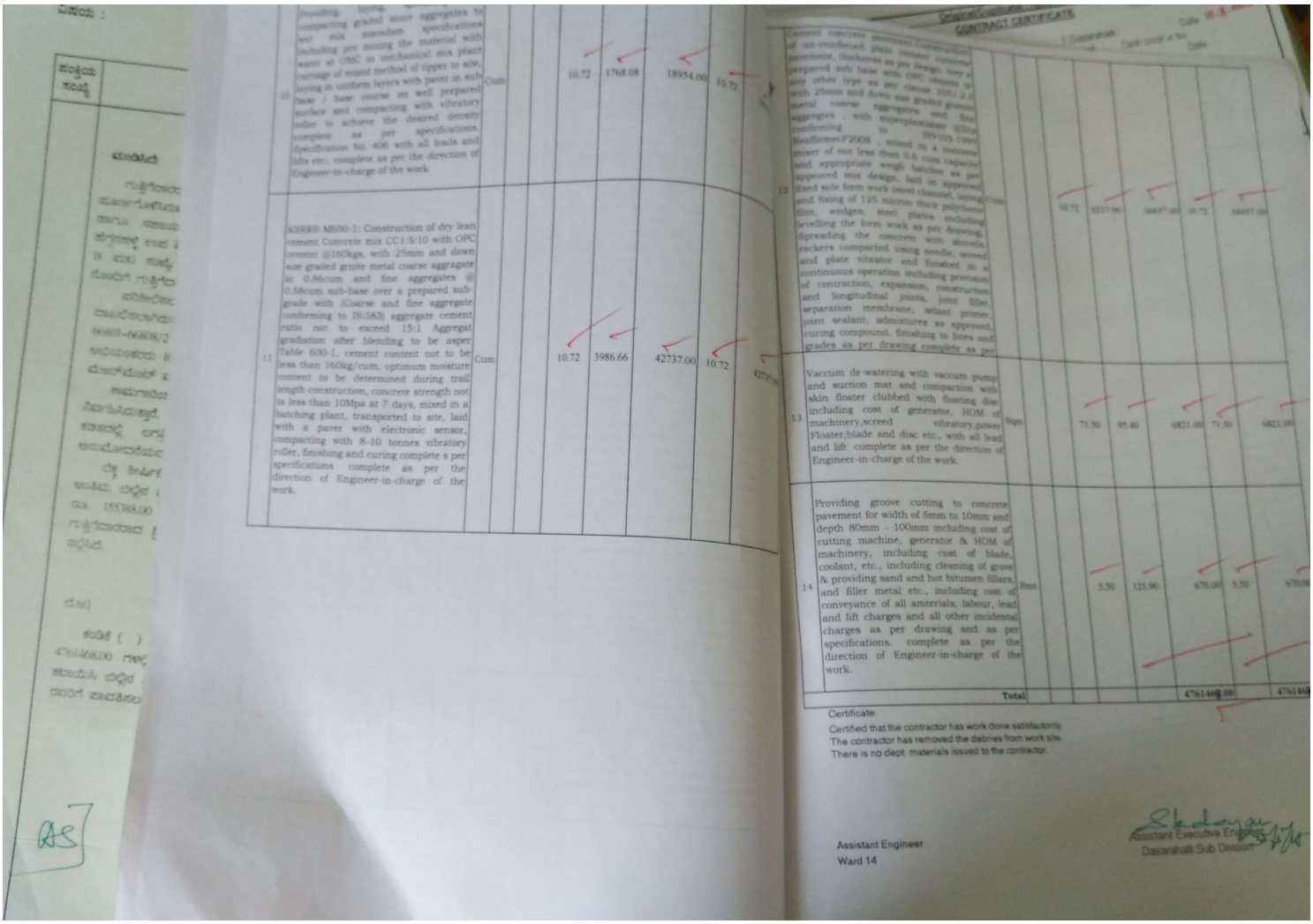

10	Providing, laying, compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum	10.72	1768.08	18954.00	10.72		
11	KSRRB M600-1: Construction of dry lean cement Concrete mix CC1:5:10 with OPC cement @160kgs, with 25mm and down size graded grnite metal coarse aggragate at 0.86cum and fine aggregates @ 0.58cum sub-base over a prepared sub-grade with (Coarse and fine aggregate conforming to IS:383) aggregate cement ratio not to exceed 15:1 Aggregat gradiation after blending to be asper Table 600-1, cement content not to be less than 160kg/cum, optimum moisture content to be determined during trail length construction, concrete strength not to less than 10Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete s per specifications complete as per the direction of Engineer-in-charge of the work.	Cum	10.72	3986.66	42737.00	10.72		
12	Cement concrete pavement (reinforced) of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1001.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplasticiser @2kg confirming to IS9103-1999 ReaffirmedF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, lacing) and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing), Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sellant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per	Cum	10.72	4217.00	44857.00	10.72	44857.00	
13	Vaccum de-watering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery,screed vibratory,power Floater,blade and disc etc., with all lead and lift complete as per the direction of Engineer-in-charge of the work.	Sqm	71.50	95.40	6821.00	71.50	6821.00	
14	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc., including cleaning of grove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. complete as per the direction of Engineer-in-charge of the work.	Rmt	5.50	121.90	670.00	5.50	670.00	
	Total				4761468.00		4761468	

Certificate:
Certified that the contractor has work done satisfactorily.
The contractor has removed the debries from work site.
There is no dept. materials issued to the contractor.

Assistant Engineer
Ward 14

Assistant Executive Engineer
Dasarahalli Sub Division

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